

## SECOND CIRCULAR --- SECOND CIRCULAR --- SECOND CIRCULAR

Dear Colleague:

On behalf of the Scientific Organizing Committee we would like to invite you to participate in the international conference:

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\* SUPERNOVA 1987A: 20 YEARS AFTER \*  
\* Supernovae and Gamma-Ray Bursters \*  
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to be held in:

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\* Aspen, Colorado, from 19 - 23 February 2007 \*  
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The conference web site (<http://universe.gsfc.nasa.gov/conferences/supernova1987a/>) is now operating and we request that you **register as soon as possible** since the facilities restrict the number of participants to no more than 80.

If you have already responded to the first circular expressing interest, you do not need to reply to this announcement in order to remain on the e-mailing list. However, **please register on the conference web site to confirm your participation**. If you did not respond to the first circular and wish to be added to the conference mailing list, please send an email to [supernova1987a@milkyway.gsfc.nasa.gov](mailto:supernova1987a@milkyway.gsfc.nasa.gov).

### OVERVIEW:

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The discovery of supernova (SN) 1987A in the Large Magellanic Cloud, on 23 February 1987, has led to the rise of an essentially new branch of astronomy and astrophysics which is solely devoted to its study. As the closest SN over the past ~400 years, SN 1987A has led to approx. 2,000 refereed publications and dozens of press releases which have sparked the interest and imagination of both astronomers and the general public. The date of this international conference has been chosen to coincide with the 20th anniversary of the discovery of SN 1987A.

During this international conference, all aspects of the broad SN 1987A research topics will be covered: theoretical models on the nucleosynthesis and explosion mechanisms, progenitor stars, pulsar and SNR formation, interaction with the circumstellar medium, particle acceleration mechanisms, etc. All observed wavelength regimes will be discussed, including radio, IR, optical, UV, X-ray, and gamma-ray studies, as well as non-photon emission such as neutrinos and

gravitational waves. The conference will further include other SNe of all types, SN cosmology and Gamma-Ray Bursters (GRBs), with emphasis on SN/GRB connections.

#### LOCATION:

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The conference will be held in Aspen, Colorado, USA. The medium-sized conference, the intimate feel of the facility (such as a common lunch and dining area), and the ample time during coffee/tea breaks will give this conference a productive workshop character providing the basis for effective discussions and collaborations. Since Aspen is a premier winter sports resort, we will give participants the opportunity to ski during extended afternoon breaks. Discount afternoon lift tickets will be available.

#### VENUE:

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We have secured the Aspen Center of Physics as the venue of the conference and have made bulk reservations for 40 rooms with single or double occupancy at “The Inn at Aspen” for a rate of \$239/room/night which includes breakfast and shuttle bus service to/from the conference venue. Rooms with one king or two queen sized beds are available and can be shared to save costs. The Inn honors the same rate in case you would like to extend your visit over the weekend to go skiing.

#### FEES AND PROCEEDINGS:

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The registration fee is US\$ 300 until 31 December 2006. After that date, it rises to US\$400. We expect that talks and poster contributions accepted by the scientific organizing committee will be published in printed proceedings, although we are still negotiating with publishers.

#### SCIENTIFIC ORGANIZING COMMITTEE (SOC):

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S. Blinnikov (ITEP, Russia)  
C. Cesarsky (ESO, Germany)  
J. Danziger (Osservatorio Astronomico, Italy)  
A. Fabian (U of Cambridge, UK)  
A. Filippenko (UC Berkeley, USA)  
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E. Waxman (Weizmann Inst. of Science, Israel)  
K. Weiler (NRL, USA)  
S. Zhekov (Inst. Space Research, Bulgaria)

ORGANIZERS:

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R. McCray (U Colorado),  
K. Weiler (NRL),  
S. Immler (NASA/USRA/GSFC)

Please circulate this announcement among your colleagues.

We hope to see you in Aspen!

Regards,

Richard McCray (U of Colorado),  
Kurt Weiler (NRL) and  
Stefan Immler (NASA/USRA/GSFC)  
on behalf of the Scientific Organizing Committee

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email: [supernova1987a@milkyway.gsfc.nasa.gov](mailto:supernova1987a@milkyway.gsfc.nasa.gov)

web: <http://universe.gsfc.nasa.gov/supernova1987a/>